

**ATTACHMENT “A”-PERMIT APPLICATION
SUMMARY FORM**

Commonwealth of Kentucky
Division for Air Quality

PERMIT APPLICATION SUMMARY FORM

Completed by: Frough Sherwani

GENERAL INFORMATION:

Name:	Diversified Composites
Address:	1600 Dolwick Drive
	Erlanger, Kentucky 41018
Date application received:	December 13, 2001
SIC/Source description:	3089/Plastic Products (NEC)
Plant I. D.	021-015-00118
Application log number:	54319
Permit number:	F-02-003

APPLICATION TYPE/PERMIT ACTIVITY:

<input checked="" type="checkbox"/> Initial issuance	<input type="checkbox"/> General permit
<input type="checkbox"/> Permit modification	<input checked="" type="checkbox"/> Conditional major
__Administrative	<input type="checkbox"/> Title V
__Minor	<input type="checkbox"/> Synthetic minor
__Significant	<input checked="" type="checkbox"/> Operating
<input type="checkbox"/> Permit renewal	<input type="checkbox"/> Construction/operating

COMPLIANCE SUMMARY:

<input type="checkbox"/> Source is out of compliance	<input type="checkbox"/> Compliance schedule included
<input type="checkbox"/> Compliance certification signed	

APPLICABLE REQUIREMENTS LIST:

<input type="checkbox"/> NSR	<input type="checkbox"/> NSPS	<input type="checkbox"/> SIP
<input type="checkbox"/> PSD	<input type="checkbox"/> NESHAPS	<input type="checkbox"/> Other
<input type="checkbox"/> Netted out of PSD/NSR	<input type="checkbox"/> Not major modification per 401 KAR 51:017, 1(23)(b) or 51:052,1(14)(b)	

MISCELLANEOUS:

- ☐ Acid rain source
- ☐ Source subject to 112(r)
- ☒ Source applied for federally enforceable emissions cap
- ☐ Source provided terms for alternative operating scenarios
- ☐ Source subject to a MACT standard
- ☐ Source requested case-by-case 112(g) or (j) determination
- ☐ Application proposes new control technology
- ☒ Certified by responsible official
- ☒ Diagrams or drawings included
- ☐ Confidential business information (CBI) submitted in application
- ☐ Pollution Prevention Measures
- ☐ Area is non-attainment (list pollutants):

EMISSIONS SUMMARY:

Pollutant	Actual (tpy)	Potential (tpy)
PM/PM10	0.26325	0.26325
VOC*	90.0	90.0
Styrene	9.0	9.0
MEK	5.4	5.4
**4, 4-Methylene Dianiline	9.0	9.0
Source Wide Total HAPS	22.5	22.5

*Source has accepted an allowable of 90.0 tons/Yr.

**An allowable of 9.0 ton/yr. single HAP and an allowable of 22.5 tons/year of combined HAPS

*** TOXIC

Toxic Summary:

Toxic	PTE (UG/M**3)	PRG # (UG/M**3)	PRG# > PTE
Styrene	41.0	1100	Yes

SOURCE PROCESS DESCRIPTION:

The Diversified Composite (previously named DFI Pultruded Composites, Inc.) is located at Erlanger, Kentucky, manufactures reinforced fiberglass products (RFP) through a process of pultrusion.

The source is currently classified as “No Permit Required”. The source has applied for conditional major under 401 KAR 52: 030, federally-enforceable permits.

The source has seven pultrusion machines, one laboratory, one cut saw and one resin storage area.

COMMENTS:

There is no control for the VOC. The cut saw has a baghouse to control particulate matter with the control efficiency of 99%.

State regulation 401 KAR 59:010, New process operations, applies to this source because these are process operations that were commenced after July 2, 1975.

State regulation 401 KAR 52:030 Federally-enforceable permits for non-major sources applicable to this source.

EMISSION AND OPERATING CAPS DESCRIPTION:

The actual emissions of HAPs for a single pollutant shall not exceed 9.0 tons per year. The combined emissions for HAPs shall not exceed 22.5 tons per year. The actual VOC emissions shall not exceed 90.0 tons per year. These annual limitations shall not be exceeded during any consecutive twelve months period for the entire source.

CREDIBLE EVIDENCE:

This permit contains provisions which require that specific test methods, monitoring or recordkeeping be used as a demonstration of compliance with permit limits. On February 24, 1997, the U.S. EPA promulgated revisions to the following federal regulations: 40 CFR Part 51, Sec. 51.212; 40 CFR Part 52, Sec. 52.12; 40 CFR Part 52, Sec. 52.30; 40 CFR Part 60, Sec. 60.11 and 40 CFR Part 61, Sec. 61.12, that allow the use of credible evidence to establish compliance with applicable requirements. At the issuance of this permit, Kentucky has not incorporated these provisions in its air quality regulations.